

Application No.: 10/762722  
Docket No.: FA0790USDIV

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**Listing of Claims**

1-13 (Canceled).

14. (Currently amended) A device for producing stabilized organic pigment particles comprising:

a reactor assembly comprising,

a chamber,

a reactor positioned coaxially inside the chamber and;

dielectric barrier discharge means for generating oxygen plasma inside the reactor;

means for introducing in said reactor aqueous vapor entrained in a carrier gas;

and

an agitator assembly for deagglomerating said pigment particles placed in said reactor.

15. (Currently Amended) The device of claim ~~[[1]]~~ 14 further ~~comprises comprising~~ means for supplying ozone to said reactor.

16. (Currently Amended) The device of claim ~~[[1]]~~ 14 or ~~[[2]]~~ 15 wherein said agitator assembly comprises:

a plurality of vanes mounted on a flange rotatably positioned in said reactor, each said vane having a coil affixed thereto such that said coils physically contact an inner wall of said reactor.

17. (Currently Amended) The device of claim ~~[[1]]~~ 14 or ~~[[2]]~~ 15 wherein said means for introducing in said reactor aqueous vapor entrained in a carrier gas comprise a lance having an opening positioned distally from an exhaust end of said reactor to increase dwell time of aqueous vapor inside said reactor.

18. (New) The device of claim 14 or 15 wherein said chamber is sealed.